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Complete if Known 09/780,650 Application No. 02/12/2001 Filing Date First Named Inventor D'Amato Group Art Unit 1616 Badio, B. **Examiner Name** 05213-0493 (43170-253692) **Attorney Docket Number**

(use as many sheets as necessary)

Sheet of 9

Examiner Initials	Cite	U.S. Patent Document			Date of Publication	Pages, Columns, Lines, Where
	No.'	Number 1	Kind Code' (if known)	Name of Patentee or Applicant of Cited Document	of Cited Document MM-DD-YYYY	Relevant Passages or Relevant Figures Appear
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Research Corporation

Technologies, Inc.

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Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it contains a valid OMB control number Complete if Known Application No. 09/780,650 Substitute for Form 1449/A/PTO 02/12/2001 Filing Date INFORMATION DISCL First Named Inventor D'Amato STATEMENT BY APPE Group Art Unit 1616 (use as many sheets as necessary) **Examiner Name** Badio, B. 05213-0493 (43170-253692) Sheet of Attorney Docket Number 3 9 OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Examiner Cite item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), Initials No.1 publisher, city and/or country where published Title: Author: Publ: Research Plus Catalog Vol/lss: Pages: 50-58 Date: 1993 BB Title: U.S. Patent Application No. 09/641,327 filed August 18, 2000 entitled 10 Author: "Antiangiogenic Agents" Publ: Vol/Iss: Date: Pages: Author: Title: U.S. Patent Application No. 09/779,331 filed February 8, 2001 entitled "Antiangiogenic Agents" Publ: Vol/Iss: Pages: Date: Author: Title: U.S. Patent Application No. 10/077,142 filed February 15, 2002 entitled "Estrogenic Compounds as Anti-Mitotic Agents" Publ: Vol/Iss: Pages: Date: 13 Author: Title: U.S. Patent Application No. 09/866,279 filed May 25, 2001 entitled "Use of Estrogenic Compounds as Anti-Fungal Agents" Publ: Vol/Iss: Pages: Date: Author: Title: U.S. Patent Application No. 09/899,702 filed July 5, 2001 entitled "Estrogenic Compounds as Antiangiogenic Agents" Publ: Vol/Iss: Pages: Date: Title: U.S. Patent Application No. 09/939,208 filed August 24, 2001 entitled Author: 15 "Antiangiogenic Agents" Publ: Vol/Iss: Pages: Date: Date Examiner Signature Considered

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE parsons are required to respond to a collection of information unless it contains a valid OMB control number Under the Paperwork Reduction Act of 1995, p Complete if Known 09/780,650 Substitute for Form 1449/A/PTO Application No. 02/12/2001 Filing Date / CENTER 1600/2900 INFORMATION DISCLOS D'Amato First Named Inventor STATEMENT BY APPLE 1616 Group Art Unit (use as many sheets as necessary) **Examiner Name** Badio, B. Sheet 05213-0493 (43170-253692) of Attorney Docket Number 4 9 OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Examiner Cite Т° item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), Initials No. publisher, city and/or country where published Title: Steroidal regulation of oestradiol-17B dehydrogenase activity of the human Author: ADAMS, E.F. et al. breast cancer cell line MCF-7 (Chemical Abstracts Doc. No. 109:32325, 1988) Journal of Endocrinology Vol/lss: 188 (1) Pages: 149-154 Date: 07/1988 120 Title: Estradiol-induced Mitotic Inhibition in the Bursa of Fabricius of Male Domestic 17 Author: BHAT et al. Duckling (Chemical Abstracts Doc. No: 98:31837, 1982) Publ: Mikroskopie Vol/Iss: 39 Date: 05/1982 Pages: 113-117 Title: Estrogen-Catharanthus (Vinca) Alkaloid Conjugates (Chemical Abstracts Doc. No: Author: BLICKENSTAFF et al. Cytotoxic Estrogens in Hormone Receptive Tumors Vol/Iss: Pages: 89-105 Date: 1980 Author: BOYE et al. Title: 185. Deaminocolchinyl Methyl Ether: Synthesis from 2,3,4,4'-Tetramethoxybiphenyl Publ: -2-carbaldehyde. Comparison of Antitubulin Effects of Deaminocolchinyl Helvetica Chimica Acta Vol/Iss: 72 Pages: 1690-1696 Date: Title: A New Class of Steroids Inhibits Angiogenesis in the Presence of Heparin or a Author: CRUM, R. et al. Heparin Fragment Publ: SCIENCE Vol/Iss: 230 Pages: 1375-1378 Date: 12/20/85 Author: EVANS et al. Title: A Convergent Total Synthesis of (+)- Colchicine and (+)- Desacetamidoisocolchicine Publ: Journal of the American Chemical Society Vol/Iss: 103 Pages: 5813-5821 Date: 09/23/81 Title: Molecular Features of Colchicine Associated with Antimitotic Activity and 22 Author: FITZGERALD

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Inhibition of Tubulin Polymerization

Vol/Iss: 25

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Publ:

Biochemical Pharmacology

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Author: POLI et al.

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Pages: 1179-1187

Date: 02/05/91

Author: LINCOLN et al.

Publ: Biochemistry

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Complete if Known 09/780,650 Application No. Substitute for Form 1449/A/PTO 02/12/2001 Filing Date INFORMATION DISCLO D'Amato First Named Inventor STATEMENT BY APPE Group Art Unit 1616 (use as many sheets as necessary) **Examiner Name** Badio, B. 05213-0493 (43170 369 369 369 Sheet of Attorney Docket Number 8 9 OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Examiner Cite item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), Initials No.1 publisher, city and/or country where published Title: Diethylstilbestrol: the Binding and Effects of Diethylstilboestrol upon the Author: SHARP et al. Polymerisation and Depolymerisation of Purified Microtubule Protein in vitro Publ: Carcinogens Vol/lss: 6 (6) Pages: 865-871 Date: 06/1985 Title: Catecholestrogens Inhibit Proliferation and DNA Synthesis of Porcine Author: SPICER et al. Granulosa Cells in Vitro: Comparison with Estradiol, 5α-dihydrotestosterone, Publ: Gonadotropins and Catecholamines (Chemical Abstracts Doc. No: Molecular and Cellular Endocrinology Vol/Iss: 64 Pages: 119-126 Date: 1989 Author: STERNLICHT et al. Title: Colchicine Inhibition of Microtubule Assembly via Copolymer Formation Publ: The Journal of Biological Chemistry Vol/Iss: 254 (20) Pages: 10540-10550 Date: 10/25/79 Author: SUN et al. Title: Antitumor Agents. 139. Synthesis and Biological Evaluation of Thiocolchicine Analogs 5,6-Dihydro-6(S)-(acyloxy)-and 5,6-Dihydro-6(S)-[(acyloxy)methyl]-1,2,3-Publ: trimethoxy-9-(methylthio)-8H-cyclohepta[a]naphthalene-8-ones as Novel Cytotoxic Journal of Medicinal Chemistry Vol/Iss: 36 Pages: 544-551 Date: 03/05/93 Author: SUNAGAWA et al. Title: Synthesis of Colchicine; Synthesis of dl-'Demethyoxydeoxy-hexahydrocolchicine Chemical & Pharmaceutical Bulletin Vol/Iss: 9 Pages: 81-83 Date: 1961 Author: TSUTSUI et al. Title: Comparison of Human Versus Syrian Hamster Cells in Culture for Induction of Mitotic Inhibition, Binucleation and Multinucleation, Following Treatment with Four Publ: Aneuploidogens Toxicology in Vitro Vol/lss: 4(1) Pages: 75-84 Date: 1990 Author: VAN TAMELEN et al. Title: The Synthesis of Colchicine 50 Publ: Tetrahedron Vol/Iss: 14 Pages: 8-34 Date: 09/1961

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Cell Motility and the Cytoskeleton

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Filing Date	02/12/2001	全	_
First Named Inventor	D'Amato	品	5
Group Art Unit	1616	A	′ 22
Examiner Name	Badio, B.	20	44
Attorney Docket Number	05213-0493 (43170-25)	3 8 3	2002
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Pages: 235-247

Date:

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